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25X1A	
	프랑스 경우 경우 경우 이 경우 이 보고 있는데 보고 있는데 보고 있는데 보고 있다. 프로프 프로그램 경우 기계를 보고 있는데 보고 있다.
	5. Target Indexing Device. All T&E measurements
	were completed and a T&E acceptance report will be issued in early November. In late October, the equipment had to
	and the moved to accommodate painting of the room. How re-
	positioning the equipment, several malfunctions were noted:  (a) laser misalignment and power loss (this was corrected by
	$\mathbf{I} \cup \mathbf{J} \perp \mathbf{G} \cup \mathbf{I} \cup \mathbf{G} \cup $
	being corrected. In early November the TID should be been
4	THE TAX OF WILL GIRL WE WILL LIKE DYNCHED WITH AMOUNT AS ALL ALL
	great mass of operational film. The software programs are now adequate.
	6 Digital Image Control
25X1A	6. Digital Image Storage Study. The project was approved in October, and a contract negotiated
	Preliminary work has commenced.
	7. Wide-Field, High-Power, Anamorphic Stereoviewer. The
	zoom and upper relay optics are in work and are about two weeks ahead of schedule. Mechanical details for the condenser have
Ë	TOTOGRAPH TOTOGRAPH, as well as those for the 4 5x and ov ablactions
	for altering the convergence angle of the overing is
25X1A	The second cut in a contract the contract to the company of the contract of the
(T) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	latest human factor information generated by tests.
05)/4 \$	8. Diagnostic Computer Routines (for the HPSC). This
25X1A 25X1A	again after considerable delay/due to request for additional
25X IA	funds for a change-in-scope.
3	9. Stereo Scanning Utility Study. The test imagery
25X1A 25X1A	I I I I I Delha nrintad in mall farm to
23/1/	Finalization of the detailed test is awaiting some experiments on stereo set-up on the HPSC which will be the testing
l. V	vehicle for the study.
4	
25X1D	경영 경영 (현) 
	1   1   1   1   1   1   1   1   1   1
	11. Automated Coordinate Display This con-
25X1A	tract is now proceeding attornational
25X1	due to a company move of personnel and facilities. Preliminary
ad.	
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25X1A	
	Approved For Release 2004/06/29 SEA FD 78B04747A000300020014-2
25X1A	
25X1A	design work is complete for the breadboard and off-the- shelf equipment needed for the experiments should be de- livered shortly. The project is being transferred from Mr.
23/1/	
25X1A 25X1	12. TID Engineering Support Contract. This project was approved and a contract signed  The first action of the contractor was to assign a full-time on-site technician to the TID.
25X1A	13. In response to a request from IEG
25X1A	(NLD) SDD) and [(TSG/FSD) invoction to an invoction
25X1	detailed report on the focus and magnification problems of the Zoom light table combination.
25X1A	14. The final report on the evaluation of the UV Rear Projection Viewer for intelligence data reduction potential was received. The evaluation indicates that this approach to projection viewing has substantial promise and that work leading to an operational prototype
25X1A 25X1A	has prepared performance specifications for the recently developed Dry Diazo and Roomlight Negative Acting Dry Silver Film. These specifications have been coordinated with ATB, IEG, ESD, and IAS prior to contracting with for quantities of these two materials to be used in operational suitability tests with the PI Print Station.
25X1A 25X1A 25X1A	16. After many delays, the preacceptance tests on the High Precision Stereo Comparator were initiated on 22 October by IEG, TSG/ESD, and RED/SDB. These tests will probably be completed by the end of the month. TSG/ESD and IEG will continue with additional tests for the next 90 days.  17. The DDI has signed off on a proposal to continue the development work or resident.
	dry silver materials.
25X1A	ESD, and RED/SDB have reviewed the
25X1A	ESD preacceptance test plan for the Scan and Search PI Station.  Tests will be performed at the plant late in November.
25X1A	19. has submitted accentance tost procedures c
25X1	The tests will take might table to RED/SDB for approval.
25X1A	DIA will perform the tests. in mid-November. SDB and
25X1A	Top construction
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25X	
25X <sup>2</sup>	
25X	20. The the Roomlight Enlarger/Reader/
	Printer. ESD is expected to complete the remainder printer. ESD is expected to complete the remainder that the printer. ESD is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to complete the remainder that the printer is expected to the remainder that the printer is expected to the printer is expected to the remainder that the printer is expected to the printer is expec
25X′	17)
25X′	completed their move the schodule.
	22. Proposals have been received on the following subjects and are being evaluated in RED/SDB:
25X1	1A a. 15X eyepieces for Zoom
25X1	1A  a. 15X eyepteces for Zoom  b. 3X objective for Zoom  cone bridge stability im-
25X <sup>2</sup>	1
25X	
25X1	Potential improvement of hear ov comp
25X 25X	f. Self-radiating screen viewers  g. Advanced interpretation system study  g. Advanced interpretation difficulties with optical  h. Correction of vibration difficulties with optical
25X	IA Universal Calibration Device
25X′	j. Dry Silver Implementation Transport data k. Investigate and devise test and evaluation data
25X <sup>2</sup>	sheetssystem_study
25X	m. A proposal from Scan & Search PI Station
	is being evaluated by 120 and 122,
25X 25X	1A 23. During the month of October veloped for RED the RD&E Five-Year Plan for forwarding to TOS and PS/NPIC.
05)//	24. Work with the preliminary evaluation of the interaction viewer is continuing, the principal problem area interaction viewer is continuing, the principal problem area interaction being the development of an appropriate fine grain duplication being the development to the device.
25X <sup>2</sup>	was granted a was granted a termination date
0514	of the contract is now of our series of the contract is now of the contract.
25X1	
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25X1A 25X1A 25X1D		
25X1A	A three-month, time only extension was made to the contract on unconventional film evaluation.	
25X1A	RED/ATB to review raw data on dry silver testing prior to writing the test report. Although preliminary in nature, an experiment on latent image decay indicated that pronounced changes in density occur when the time period between exposure and development is varied during the first ten minutes. This causes serious variations in speed and gamma if the time period between exposure and development is not kept constant or a ten minute delay is used. This may explain some of the variations in data of several laboratories. Latent image decay of this type is known to occur in high resolution plates	
25X1	or on film (an extremely high resolution type conventional film). So far as known, this has not been reported for dry silver. Further work will be done to recommend procedures to reduce the problems associated with latent image decay.	
25X1A	ceived. The early results show changed very	25X1 25X1 25X1
25X1A 25X1A 25X1A	A visit was made and a representative disclosed that they are currently developing a high resolution (excess of 400 1/pm) color microfilm material that can be adapted for use in continuous tone photography.	25X1
25X1A	31. Imagery Interpretation Research Program. The Imagery Interpretation Research Program was negotiated on 5 October 1971.	
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25X1A 25X1A 25X1A	32. Contact Lens Evaluation. The first phase of an evaluation plan for prescribing contact lenses for photo-interpreters was implemented with the assistance interpreters was implemented with the assistance.
	interpreters was implemented with the assistant personnel and their vision consultants. This team will personnel and their vision consultants. The center beautiful and their vision consultants. The center beautiful and their vision consultants. This team will personnel and their vision consultants. This team will personnel and their vision consultants. The center beautiful and their vision consultants and their vision consultants. The center beautiful and their vision consultants are consultants. The center beautiful and their vision consultants are consultants. The center beautiful and their vision consultants are consultants. The center beautiful and their vision consultants are consultants. The center beautiful and their vision consultants are consultants. The center beautiful and their vision consultants are consultants. The center beautifu
25X1A	producible masters of four technical documents designed to producible masters of four technical documents designed to assist in the exploitation of color photography. Included assist in the exploitation of color photography. Included are: glossaries of color terminology, classified and unclassified reviews of the literature on color aerial reconclassified reviews of the literature on color aerial reconnaissance, and a recommended color yocabulary. Preparations naissance, and a recommended color yocabulary in are under way to brief Center management on this program in the near future.
25X1D	36. Meetings, Briefings, etc.:
25X1A	
25X1A	day SPSE Symposium III on Unconventional Photographic Systems in Washington. Subjects covered were dry silver, electrophotography, free radical, diazo, vesicular, and photopolymer photography, free radical, diazo, vesicular, and photopolymer films. Highlights of the meeting were the introduction of some new organic imaging systems with unusually high speeds and resolution, liquid crystal systems, and a renewed interest in diazo systems. Live demonstrations from six companies were given and an excellent round-table wrap-up was held. The need for standardization in reporting film speeds and other properties and the need for evaluating films in terms of specific systems were emphasized.
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25X1D		
25X1A	d. (Ch/An/ORD/DDS&T) and (Ch/An/ORD/DDS&T)	
25X1A 25X1A	(An/ORD/DDS&T) visited RED/ATB on 27 October 1971 to witness a demonstration of the Image Translator scanner and display, and to receive an orientation briefing on ATB activities.	
25X1A	e. On 21 October 1971 accompanied	
25X1A	the EXRAND tour of the Processing Site for orientation and familiarization purposes.	
25X1A 25X1A	f. organized and coordinated a demonstration of the Zoom Transfer Scope at NPIC on 21 October.	
25X1A	gattended the Unconventional Photo Systems Conference on 21 October 1971.	
· ·	37. Training:	
25X1A	aattended the "Fortran IV" computer pro- gramming course from 18 to 29 October 1971.	
25X1A	battended the Supervisory Scientists and Engineers, a Management Institute course at the U.S. Civil Service Commission, Bureau of Training, from 18 to 22 October 1971.	
	c. Representatives from each of the Center components met with RED representatives from 27-29 October at the	
25X1A 25X1A	to review the FY-71 Imagery Interpretation Research Program.	
25X1A	d. attended a course on "Project Officer in Contract Cycle" from 18-22 October.	
16	38. Personnel:	<u> </u>
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25X1A	7	
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